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PUBLIC HEALTH STATISTICS

STATE OF

OKLAHOMA

1962 and 1963



PART I REPORTABLE DISEASES



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STATE OF

OKLAHOMA

1962 and 1963



PARTI

REPORTABLE DISEASES

Oklahoma State Department of Health Oklahoma City, Oklahoma

KIRK T. MOSLEY, M.D., Commissioner

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PUBLIC HEALTH STATISTICS OF OKLAHOMA

REPORTABLE DISEASES

1962-1963

This nineteenth edition of Part I, Public Health Statistics, State of Oklahoma, contains statistical information concerning cases of certain diseases which occurred in Oklahoma during 1962 and 1963 and were reported to the State Department of Health. This information was obtained through case reports submitted by practicing physicians, hospitals, clinics, county superintendents of health, and local health departments throughout the State. Supplementing these reports were interstate reciprocal notifications of cases presumably contracted in Oklahoma. Death certificates constituted case reports for those cases not reported prior to death. Before counting positive laboratory reports for certain diseases as case reports, routine querying procedures were conducted in order to obtain the physician's confirmation of the diagnosis.

Reports thought to be duplicates were eliminated before the tabulations were made. Case registers were maintained on tuberculosis and venereal diseases; cumulative files were maintained on cancer and other recurrent or long-term diseases; and annual files were retained on acute communicable diseases. Cases occurring among the civilian population were allocated to the county where the disease was contracted, which in most cases was the county of residence. Cases reported among the military population were tabulated separately and were included in State totals, but were not allocated to the various counties since they are the responsibility of military officials and not of the local health authorities.

The completeness of case reporting cannot be evaluated as it is directly influenced by a number of factors, namely, the seriousness of the disease, public interest, service programs available for victims of the disease, programs aimed at control of the disease, and also changes in the reporting system itself. The change in the reporting system became effective in 1958. The physicians and different agencies in the State responsible for reporting these diseases, no longer receive a weekly reminder. These individuals now maintain a supply of report cards which are utilized in reporting these cases at the end of each calendar week.

Basic tables are presented in the Appendix which show certain characteristics of the persons in whom the cases occurred, and show the seasonal and geographical distributions of case occurrence. Certain observations have been analyzed and presented in charts and summary tables in the discussions immediately following.

A population estimate of 2,448,000 as of July 1, 1962, was used for computing the 1962 rates; and an estimate of 2,441,000 as of July 1, 1963, was used for the 1963 rates. Crude and race-specific rates are shown in Table II in the Appendix.

ACUTE COMMUNICABLE DISEASES

Great strides have been made in Oklahoma in the control of some of the acute communicable diseases as evidenced by the rapidly declining attack and death rates from these diseases over the last few decades. The decline of one of these diseases is particularly noticeable. There has not been a single proven case of smallpox in Oklahoma for thirteen years. In the preceding thirteen-year period, 1938-1950, there were 1,806 cases reported. Of these, 605 were reported in 1938, 873 in 1939, and 198 in 1940.

Effective control measures are also known for diphtheria, typhoid fever, and whooping cough; yet cases, and occasionally deaths, still occur from these diseases. In 1962, there were 8 cases of <u>diphtheria</u> reported, which represented a slight decrease from the 9 cases reported in 1961. This decrease did not continue in 1963, however, with 18 cases being reported.

Whooping cough cases reported numbered only 24 for 1962, but increased to 54 in 1963. Of the 24 with age at onset specified in 1962, 17 were under one year of age, 1 was one, 3 were two, 1 was three, 1 was four, and 1 was in the five-nine age group. Fifty-two of the fifty-four cases occurring in 1963 specified age at onset. Of these, 28 were under one year of age, 12 were one, 4 were two, 4 were three, 1 was four, and 3 were in the five-nine age group.

The number of <u>typhoid fever</u> cases reported was down to 7 in 1962 and 6 in 1963, as compared to the 15 reported in 1961 and the 12 reported in 1960. In 1962, one death occurred in the white population from this disease. In 1963, no deaths were recorded from typhoid fever. One of the cases occurred in a child under one year of age, one in a child three years of age, three cases in the fivenine age group, and the other eight were scattered among age groups ranging from ten through seventy-four during the two-year period of 1962-1963.

DLIOMYELITIS

A total of 33 cases of poliomyelitis was reported during 1962 as compared with only 5 for 1961. This figure, however, decreased to only 2 cases during 1963. These cases gave an attack rate of 1.3 per 100,000 estimated population for 1962, and 0.1 for 1963. The number of cases and rates for the white, Negro, and Indian populations for 1962 were, respectively: 23 and i.0; 7 and 4.4; and 3 with a rate of 4.6. There were two deaths reported from poliomyelitis during 1962; none were reported in 1963. The cases specified to be paralytic for 1962 numbered 29, non-paralytic accounted for 3, the other case being unspecified as to type. Of the 33 cases reported during 1962, 22 were among the male population as compared with 11 among the female population. Both cases occurring in 1963 were paralytic; one a white male and the other a white female.

During 1962, one case of pollomyelitis occurred in May, 1 in July, 4 in August, 6 in September, 9 in October, 6 in November, and 6 in December. In 1963, one case occurred in October and the other in November.

RESPIRATORY STREPTOCOCCAL INFECTIONS AND RHEUMATIC FEVER

The number of cases of streptococcal infections, including scarlet fever, reported during 1962 was 764. This was a decrease from the 947 cases reported in 1961 but an increase from the 541 cases reported in 1960. In 1962, five deaths were reported due to this cause. During 1963, the number of cases of streptococcal sore throat increased to 966, which was the largest number of cases reported since 1959 when 1,354 cases were reported. During 1963, streptococcal sore throat was specified as the underlying cause of four deaths.

Twelve cases of rheumatic fever were reported in 1962, of which 9 were white and 3 were Negro. Nine of the cases were reported during the first five months of 1962 and the other three were reported in October. One-half of the cases occurred in persons 5-14 years of age; three each in the 5-9 and 10-14 year age groups. The other six were scattered among persons ranging in age from 15 to 74. Five of the cases occurred among males and seven among females. The cases of rheumatic fever decreased during 1963 to 7; one was in the white population, among the Negro population, and 2 among the Indian population. The remaining case did not specify race. In the six cases specifying age, all were reported in persons between the ages of 10 and 30.

INTESTINAL DISEASES

There was an increase in the number of cases of dysentery reported in 1962 and 1963, with the total numbering 339 and 206, respectively, as compared with the 173 cases in 1961. Of the 339 cases reported in 1962, 168 were specified as amebic and 171 specified as bacillary. This was the largest number reported in a single year since 1951 when 344 cases were reported. The highest incidence rate was 95.8 per 100,000 estimated population among the Indian population. The rates among the white and Negro populations were 8.0 and 10.8, respectively. During 1963, ninety-three of the 206 cases were specified as amebic, 110 as bacillary, and 3 were unspecified as to type. The incidence rate remained higher among the Indian population, followed by the Negro and white groups with rates of 55.7, 6.4, and 5.4, respectively.

The 7 cases of <u>typhoid fever</u> reported during 1962 and the 6 cases reported during 1963 were discussed in the section relating to acute communicable diseases. Other <u>salmonellosis</u> (including paratyphoid fever) cases totaled 23 for 1962 and 55 for 1963.

For the fourth and fifth consecutive years, no cases of <u>botulism</u> were reported in Oklahoma. Only 7 cases of <u>brucellosis</u> were reported during 1962 and only 5 were reported in 1963, as compared to 11 cases in 1961.

OTHER ACUTE COMMUNICABLE DISEASES

Infectious hepatitis cases numbered 211 during 1962, representing a decrease from the 346 cases reported during 1961. The majority of cases occurred among the younger age groups, with 83.9 per cent of age specified cases reported in persons under 30 years of age. An even greater decrease occurred during 1963 with only 131 cases reported. It seems, however, that in 1963 infectious hepatitis

was reported more frequently in older persons. During 1963, the number of cases reported in persons under the age of 30 accounted for 65.5 per cent of the cases reported with age specified as compared to 83.9 per cent in 1962. Of the cases reported in 1961 with age specified, 87.0 per cent were in persons under 30 years of age.

The 2,095 cases of <u>measles</u> reported in 1962 was a considerable increase over the 605 cases reported in 1961. This was the largest number of cases reported in Oklahoma since 1958, when 7,500 were reported. The number of cases decreased in 1963 with only 376 reported, the least number since 1947, when only 168 cases were reported.

This marked the third and fourth consecutive years in which no $\underline{\text{malaria}}$ (acquired in or outside the United States) was reported in Oklahoma.

Meningococcal infections were up one from 1961, with 18 cases reported in Oklahoma for 1962. Of these cases, 17 were among persons of the white racial group and 16 cases occurred in persons under 20 years of age. The largest number of cases since 1955 was reported during 1963, with a total of 40 cases. The majority of those reported, 35, were reported to have occurred in persons under 20 years of age.

A considerable increase was noted in the occurrence of <u>aseptic meningitis</u> with 57 cases reported in 1962 as compared with 18 in 1961 and 13 in 1960. However, only 27 cases were reported during 1963.

In 1962, the number of <u>infectious encephalitis</u> cases was the lowest since 1953 with 15 cases being reported; however, those reported in 1963 dipped to an even lower number of 6, the lowest since 1938 when 6 cases were also reported.

No cases of rabies in man were reported during the two years, but 32 cases of rabies in animals were detected by the State Laboratory in 1962 and 67 cases in 1963. Other diseases along with the number reported for 1962 and 1963, respectively, were: gonococcal_ophthalmia, 1 and 4: tetanus, 4 and 8; tularemia, 13 and 16; and typhus fever (tick-borne), 11 for each year.

Other communicable diseases, with no cases reported during 1962 or 1963 were: anthrax in man, glanders, leptospirosis, psittacosis, smallpox, trichinosis, and typhus fever (louse-borne).

TUBERCULOSIS

For the first time since 1953, there was an increase in the number of tuber-culosis cases reported over that for the previous year. There were 666 cases in 1962 and 768 in 1963, yielding rates of 27.2 and 31.5, respectively, per 100,000 population. The number and rate for 1961 were only 641 and 26.7, respectively.

The Indian population experienced the highest attack rates, 159.2 and 185.5, followed by the Negro, 48.8 and 46.1, and the white, 21.8 and 24.9, for 1962 and 1963, respectively.

lable 1

Reported Cases of Tuberculosis, by Type, Stage, and Activity, Oklahoma, 1962 and 1963

Harry Charles And Anti-	_19	1962	19	1963
Type, Stage and Activity	Number	Per Cent	Number	Per Cent
Tuberculosis, all forms	666	100.0	768	0.001
Pulmonary, active	485	72.8	559	72.8
Minimal	99	14.9	102	13.3
Moderately advanced	174	26.1	205	26.7
Far advanced	209	31.4	233	30.3
Stage not specified	ω	0.4	19	2.5
Pulmonary, inactive	153	23.0	186	24.2
Non-pulmonary	28	4.2	23	3.0

Table 1 shows the stages and activity for the pulmonary and non-pulmonary cases. Of the 482 newly reported active pulmonary (with stage specified) cases in 1962, 99, or 20.5 per cent, were in the minimal active stage; 174, or 36.1 per cent, were moderately advanced; 209, or 43.4 per cent, were far advanced. Three cases were not specified as to stage.

The active pulmonary cases comprised 72.8 per cent of the total tuberculosis cases of all forms reported in 1962; while the inactive pulmonary tuberculosis comprised 23.0 per cent and the non-pulmonary made up 4.2 per cent of the total.

For 1963, the number of newly reported cases totaled 768. Of the 559 active pulmonary (with stage specified)102, or 18.2 per cent, were in the minimal active stage; 205, or 36.7 per cent, were in the moderately advanced stage; and 233, or 41.7 per cent, were far advanced. There were 19 cases with stage not specified. One hundred eighty-six cases of inactive pulmonary tuberculosis comprised 24.2 per cent of the total newly reported cases, all forms. The non-pulmonary comprised 3.0 per cent of the total.

VENEREAL DISEASES

An increase in the number of <u>syphilis</u> cases occurred during 1962 with 1,712 cases being reported as compared to 1,566 in 1961. The number increased during 1963 to 1,815. The number of cases of <u>gonorrhea</u> decreased from 6,064 in 1961 to 5,116 in 1962, and to 4,434 in 1963.

Table 2 shows the age distribution of venereal disease cases for 1962 and 1963. In 1962, slightly less than two-thirds, 63.7 per cent, of the gonorrhea cases with age specified occurred in persons under 25 years of age. Syphilis

Table 2

Reported Cases of Venereal Diseases, by Disease and Stage, by Age, Oklahoma, 1962 and 1963

1962

					Age			
Disease and Stage	Total	-15	15-24	25-34	35-44	15-24 25-34 35-44 45-54 55+	55+	Unk.
Total venereal diseases	6,839	99	3,279 1,486 520	1,486	520	364	553	538
Gonorrhea	5,116	87	3,065	3,065 1,302 328	328	119	48	167
Gonococcal ophthalmia	1	ь		,		,	1	•
Syphilis, all stages	1,712	11	210	180	190	245	505	371
Primary and secondary	199	ω	106	49	18	10	4	9
Early latent	89		42	27	10	2	ω	G
Late and late latent	1,326	ı	29	74	153	231	496	343
Congenital,	95	8	32	28	9	2	2	14
Not stared	ω	ı		2	ı	<u>'</u>		
Other venereal diseases	10	ı	4	4	2		ı	l

1963

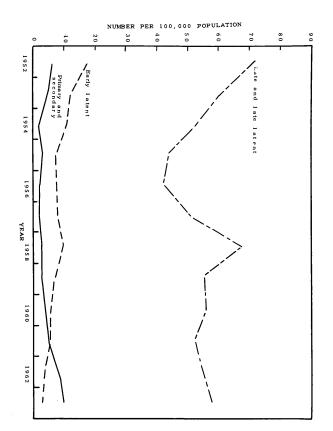
Discourage of the control of the con	701				Age			
Disease and Scage	TOLAT	- 15	15-24	25-34	15-24 25-34 35-44 45-54	45-54	55+	Unk.
Total venereal diseases	6,265	95	2,7781,211	1,211	540	341	643	657
Gonorrhea Gonococcal ophthalmia	4,434 4	89	2,5541,039	1,039	352	110	- 60	230
Syphilis, all stages	1.815	2	215	170	187	231	583	627
Primary and secondary	242		129	62	23	11	7	10
Early latent	82		34	23	17	1	w	4
Late and late latent	1,397	۳	29	59	131	215	563	399
Congenital	78	_	19	24	11	4	5	14
Not stated	16	1	4	2	5		5	1
Other venereal diseases	12		9	2	_	ı	í	

was reported less frequently in the younger age groups, with only 16.5 per cent of cases with age specified reported in persons under twenty-five years of age. Syphilis cases diagnosed as being in the earlier stages were reported more frequently in the 15-24 age group; whereas, the late and late latent syphilis cases were reported more frequently in older age groups.

Only one case of $\underline{\text{gonococcal}}$ $\underline{\text{ophthalmia}}$ was reported during 1962, as compared with the 3 cases reported in 1961.

Ten cases of other types of venereal diseases were reported during 1962, an increase over the seven cases reported in 1961. Six of these were specified as chancroid and 4 as lympho venereum.

Chart 1
Newly Reported Cases of Syphilis, by Stage of Disease,
Oklahoma, 1951-193



In 1963, 62.9 per cent of the cases of gonorrhea with age specified occurred in persons under the age of 25. Only 217, or 15.6 per cent, of the 1,388 agespecified syphilis cases were reported to have occurred in persons under the age of 25. The early stages of syphilis were again more prevalent in the younger age groups; whereas, the late stages were more prevalent in the older age groups.

The number of reported gonococcal ophthalmia cases increased to 4 in 1963. All 12 of the other types of venereal disease cases reported were specified as chancroid.

MALIGNANT NEOPLASMS

The number of cancer cases reported through regular channels for the first time, totaled1,445 during 1962 and only 870 during 1963. The rate for 1962 was 59.0 per 100,000 estimated population; whereas, the rate for 1963 dropped to 35.6. These numbers and rates are known to be far from complete, as evidenced by the large number of deaths attributed to this cause which had not been reported during the previous sixteen and seventeen-year periods in which cancer has been reportable. The next section in this bulletin will cover those cancer cases reported by death certificate only during 1962 and 1963. Table 3, page 9, shows the number and per cent of cases reported through regular channels and those reported by death certificate only for 1962 and 1963.

Several tables in the Appendix (Tables IV, V, VI, and VIII for 1962 and Tables IV-A, V-A, VI-A, and VIII-A for 1963) give detailed information for cases, by primary site of lesion, race, sex, age, and metastatic sites. The county breakdowns in Tables IX and IX-A include the number of malignant neoplasms reported for each county.

Among the white population in 1962, the four most frequently reported primary sites were: skin, respiratory system, digestive organs, and male genital organs. In 1963, they were: digestive organs, respiratory system, skin, and male genital organs. The digestive organs was the most commonly reported primary site of the cancer cases reported among the Negro population in both 1962 and 1963, being listed on 26.3 and 36.1 per cent of the reports, respectively. The uterus was the second most frequently reported primary site for both years. Among the Indian population in 1962, the most frequently reported primary site was the digestive organs; and in 1963, the digestive organs, breast, and uterus were tied for the most frequently reported primary site.

One thousand thirty-seven case reports in 1962 and four hundred fifty-eight in 1963 specified whether or not metastasis had occurred. Of these numbers, 520 and 283, respectively, indicated that metastasis had occurred. Cross tabulations of the primary sites, by metastatic sites, are shown in Tables VI and VI-A in the Appendix.

In 1963, 143 case reports stated whether or not a biopsy had been performed, as commared to 822 in 1962. Of these 135 and 804. The contributions of the performed, as commared to 822 in 1965.

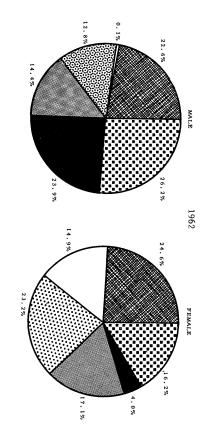
In 1963, 143 case reports stated whether or not a biopsy had been performed, as compared to 822 in 1962. Of these, 135 and 804, respectively, specified that one had been performed. In both years, positive findings were reported in all of these cases with biopsy performed with one exception in 1963, in which the result was not reported.

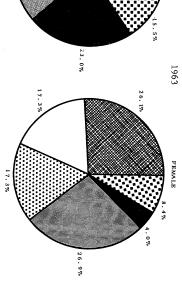
 $\frac{{\rm Table}}{{\rm Sames}} \ \underline{{\rm Sames}} \ \text{Cancer Reported Through Regular Channels and by Death Certificate Only, Number and Per Cent, by Primary Site of Lesion, Oklahoma, 1962 and 1963}$

	-	19	62			190	63	
Primary Site	Cases Re Through Chann	Regular		ported by rtificate ly			Cases Re Death Ce On	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total	1,445	100.0	3,088	100.0	870	100.0	3,364	100.0
Buccal cavity and pharynx	39	2.7	64	2.1	21	2.4	64	1.9
Digestive organs and peritoneum	223	15.4	922	29.8	185	21.3	1,018	30.3
Respiratory system	237	16.4	179	5.8	153	17.6	179	5.3
Breast	82	5.7	204	6.6	44	5.1	243	7.2
Uterus	126	8.7	140	4.5	43	4.9	154	4.6
Other female genital organs	25	1.7	98	3.2	6	0.7	107	3.2
Male genital organs	115	8.0	212	6.9	102	11.7	223	6.6
Urinary organs	60	4.2	143	4.6	. 43	4.9	180	5.3
Skin, except of breast, genital						l .		
organs, or anus	324	22.4	73	2.4	120	13.8	60	1.8
Brain and other parts of central		ĺ						
nervous system	16	1.1	70	2.3	4	0.5	82	2.4
Bone	7	0.5	23	0.7	9	1.0	31	0.9
Lymphosarcoma and reticulosarcoma	23	1.6	71	2.3	21	2.4	86	2.6
Hodgkin's disease	8	0.6	28	0.9	7	0.8	31	0.9
Leukemia and aleukemia	32	2.2	173	5.6	29	3.3	187	5.6
Other lymphatic and hematopoietic					1	1		1
tissues	19	1.3	58	1.9	7	0.8	50	1.5
Other and unspecified sites	109	7.5	630	20.4	76	8.8	669	19.9

Chart 2

Proportion of Reported Cancer Cases for Numerically Important Primary Sites, by Sex, Oklahoma, 1962 and 1963





0.2%

Skin Digestive organs Respiratory system

Uterus

Naie genital organs

Breast

All other sites

-10-

CANCER CASES REPORTED BY DEATH CERTIFICATE ONLY

It is routine practice to check cancer deaths against the cumulative file that has been maintained since August, 1947. It was found that in 1962 the cancer deaths not having been previously reported as cases numbered 3,088; in 1963 they numbered 3,364.

The race and sex distribution of the cases reported by death certificate only are shown by primary site in Tables V and V-A of the Appendix.

thousand eighteen, or 30.3 per cent, in 1963 were reported to be primary in the digestive organs and peritoneum. The next most common site was the male genital organs in 1962 and the breast in 1963. The breast was the third most common site in 1962 and the male genital organs in that position in 1963. Nine hundred twenty-two, or 29.8 per cent, of these cases in 1962 and one

Symbols Used in Tables

- Number or rate is zero

... Item not applicable
0.0 Rate is more than 0 but

less than 0.05

Smallpox Streptococcal sore throat, including scarlet fever Syphilis Encephalitis, infectious Gonorrhea Hepatitis, infectious Malaria, acquired in U. S. Tetanus Tuberculosis, all forms Tularemia Typhoid fever Measles Meningococcal infections Poliomyelitis Rabies in man Rheumatic fever
Rocky Mountain spotted fever*
Salmonellosis, excluding
typhoid fever Beginning January 1, 1962, Rocky Mountain spotted fever will be tabulated as Typhus fever, tick-borne, -13-Malignant neoplasms Typhus fever, tick-borne^{*} Typhus fever, louse-borne Whooping cough Disease 1,354 1,586 4 776 17 16 ... 139 2,210 717 12 167 -14 12 0.1 1.5 4.0 0.7 189.6 12.8 0.5 7.2 7.2 2.2 58.3 68.3 0.2 33.4 0.7 0.7 6.0 95.2 541 1,602 7 670 13 12 ... 103 5 25 49 21 5,832 350 1,232 25 18 -9 7 7 23.2 68.8 0.3 28.8 0.6 0.5 52.9 1.1 0.8 -0.4 0.3 947 1,566 5 641 10 15 11 9 173 173 6,064 346 39.5 65.3 0.2 26.7 0.4 0.6 25.2 0.7 0.2 0.6 0.6 0.3 7 8 339 15 5,116 211 1962 0.7 1.3 0.5 0.9 966 1,815 8 768 16 6 11 -54 1963 15.4 1.6 0.1 0.3 2.3 2.3 39.6 74.4 0.3 31.5 0.7 0.7

	1954	4	1955			1956	1957	57		1958
Disease	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Anthrax in man Brucellosis Diphtheria Dysentery	40 42 207	1.8 1.8 9.1	31 29 307	1.4 1.3 13.4	111	0.8 2.9 4.8	1 13 24 168	0.0 0.6 1.0 7.3	- 5 28 96	0.2 1.2 4.2
Encephalitis, infectious Gonorrhea Hepatitis, infectious Malaria, acquired in U. S.	24 4,973 347 19	1.1 218.7 15.3 0.8	5,072 201 10	0.7 222.1 8.8 0.4	16 5,155 123 16	0.7 224.8 5.4 0.7	5,036 160 9	1.0 218.7 6.9 0.4	37 5,114 163 5	1.6 221.2 7.1 0.2
Measles Meningococcal infections Poliomyelitis Rabies in man	3,403 58 559	149.7 2.6 24.6	3,055 48 299	133.8 2.1 13.1	10,027 39 220	437.3 1.7 9.6	1,622 32 121	70.5 1.4 5.3	7,500 38 61	324.4 1.6 2.6
Rheumatic fever Rocky Mountain spotted fever Salmonellosis, excluding typhoid fever	52 6 73	2.3 0.3 3.2	46 1 34	2.0 0.0	46	2.0 0.0	41 6	1.8 0.3	36 2 69	3.0
Smallpox Streptococcal sore throat, Including scarlet fever Syphilis	1,302 1,638	57.3 72.0	1,205 1,342	52.8 58.8	4,009 1,254	174.9 54.7	9,115 1,497	395.9 65.0	6,825 1,932	295.2 83.6
Tetanus Tuberculosis, all forms Tularemia Typhoid fever	1,642 1,642 35 63	0.3 72.2 1.5 2.8	1,492 15 67	0.4 65.3 0.7 2.9	8 1,106 15 49	0.3 48.2 0.7 2.1	5 1,084 25 26	0.2 47.1 1.1 1.1	6 963 17 16	0.3 41.7 0.7
Typhus fever, tick-borne* Typhus fever, louse-borne Whooping cough	219	9.6	 1 869	0.0 38.1	480	20.9	278	12.1	152	6.6
Malignant neoplasms	1,212	53.3	1,436	62.9	1,686	73.5	2,335	101.4	2,375	102.7

TABLE I. REPORTED CASES OF SELECTED REFORTABLE DISEASES, NUMBER AND RATE (NUMBER PER 100,000 ESTIMATED POPULATION),
OKLAHOMA, 1954-1963

				OKI.	OKLAHOMA, 1962	1962							
Disease	Total	Jan.	Feb.	March	Apr11	May	June	July	Aug.	Sept.	Oct.	Nov.	
n man	57				» i		- ,	۰.		5 .	16	5 .	
Strigaria					. ,		, ,			. 8		. 5	
60	7				,	,	-	-	_	2	1		
-	8	2		_	•	2		-	,			2	
amebic	168	. 6	12	. 6	12	2	, E	24	10	Ξ	42	24	
bacillary	171	4	4	6	2	v	- 00	17	41	21	27	21	
is, infectious	15 .	2	2 1	2 1	. ,		ω,	201		- 1	- 1		
٠	,		1										
ophthalmia	5 1	.67 -	1	.78	263	. 467	, co	417	ž,	22.2		3	
infectious	211	26	34	29	14	18	6	9	7	æ é	13	18 E	
sis			,			,		,					
equired in U.S.	_		,			,		,	,	,	,		
sequired outside U.S.	2.095	97	402	671	533	283	78 -	24	2 1	9 1			
cal infections	18	2	7	2	2		-	- :			μ,	۰.	
	24		,	2	-	w	-	v		6	2	2	
tis, acute	33	٠		,		_		-	4	6	9	6	
	3 ,	, ,		,	. ,		,			٠,			
animals	32	ω	2	2	-	u	00	-	w	-	ىد	2	
man			- ,	٠,	- ,	J 1			,	,	3 1	,	
rever	2.1		-	t				,		,	U		
fever	23	,	2	ω			2	7		6		_	
			,		,		,						
cal sore throat,							:						
g scarlet fever	764	37	181	191	152	59	24	25	6 6	4	13	22	
	1,/12	140	1 4	-	. 90	1	,177	_ 04	2 6	326	13/	164	
So	,		,		•	,	,	,	,		,		
is, respiratory	638	34	54	43	47	28	91	103	39	62	41	41	
is, other forms	28	- ,-		- 2	. 4		. ·	ه د		- 2	9 1	. 1	
ver	7	۰,		2		1			2				
er, louse-borne		,	,	,	ı	,		٠,		,	,	·	
er, tick-borne	5 =	J I	,	, ,	- 1	,	w	ه د	1-0	٠,	-		
iseases, other	10	2	,	2	1	,		2		2		1	

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Fitness, acite
Hitness, acite
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bles in animals
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bles in animals
animatic fever
reprioroccal sore throat,
hecluding soriet fever
ahilis

d fever ; fever, louse-borne s fever, tick-borne eal diseases, other

noers

ococcal ophthalmia

ocritea

atitis, infectious

tospirosis

aria, acquired in U. S.

aria, acquired outside U

sles

laremia
/phold fever
yphus fever, tick-borne
fyphus fever, louse-borne
fyphus fever, louse-borne
fyenereal disease, other
Wenereal disease, other
Whooping cough

11.3 9.5; 2.5; 0.6 0.6 5.1 11.7 1.9 344.6 46.9 11.9 1.9 1.9 1.9 1.9

53 53 53 438 438 438 115 438 115 115 115 115 115

13.9 81.9 81.9 677.1 23.2 23.2 23.2 23.1 139.1 139.1 119.1 1.5

2,562 2,562 2,562 11 11 28

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	TABLE V.	
	CASES OF MALIGNANT NEOPLASMS REPORTED BY DEATH CERTIFICATE ONLY, BY FRIMARY SITE OF LESION, RACE AND SEX, OKLAHOMA, 1962	
	ED BY DEATH CERTIFICATE ONLY, SEX, OKLAHOMA, 1962	

tissues Other and unspecified sites	Hodgkin's disease Leukemia and aleukemia	Skin, except of breast, genital organs, or anus Brain and central nervous system Bone Lymphosarcoma and reticulosarcoma	Uterus Other female genital organs Male genital organs Urinary organs	Buccal cavity and pharynx Digestive organs and peritoneum Respiratory system Breast	Total, all sites	rrimary site	
58 630	28 173	73 70 23 71	140 98 212 143	64 922 179 204	3,088	TOCAL	Total
37 385	17 108	41 41 41	212 99	41 448 157	1,639	Male	Sex
21 245	65	31 29 12 30	140 98 -	23 474 22 204	1,449	Female	×
51 583	27 164	72 67 22 70	121 92 183 134	60 830 171 188	2,835	White	
7 35	7	1 - 2 -	17 5 25 6	3 64 7 15	197	Negro	Race
12	2 1	P	2412	1 27 -	53	Indian	ce
		1111	e		3	Unknown	

TABLE II. REPORTED CASES OF COMMUNICABLE DISEASES, NUMBER AND RATE (NUMBER PER 100,000 ESTHATED POPULATION). BY RACE, OKLAHOMA, 1962

	TABLE
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	TABLE IV. CASES OF
	유
	MALIGNANT
RACE	NEOPLASMS
RACE AND SEX, OKLAHOMA	SMS REPORTED THROUGH REGULA
, OKLAHO)	THROUGH
M, 1962	REGULAR
	CHANNELS,
	ВΥ
	ANNELS, BY PRIMARY SITE OF LES
	SITE OF
	QF,
	LES

		Sex	×		Race	ce	
Primary Site	Total	Male	Female	White	Negro	Indian	Unknown
Total, all sites	1,445	106	544	1,301	99	34	11
		3		3			
Buccal cavity and pharynx	39	32	7	39			
Digestive organs and peritoneum	223	130	93	184	26	11	2
Respiratory system	237	215	22	229	5	2	_
Breast	82	1	81	71	œ	w	,
Uterus	126	ı	126	99	17	8	2
Other female genital organs	25		25	19	s	_	
Male genital organs	115	115		100	13	_	_
Urinary organs	60	43	17	56	2	_	_
Skin, except of breast, genital							
organs, or anus	324	236	88	319	2	_	2
Brain and central nervous system	16	10	6	10	w	w	
Bone	7	2	5	S	2		
Lymphosarcoma and reticulosarcoma	23	14	9	21	2		
Hodgkin's disease	8	4	4	8			
Leukemia and aleukemia	32	21	11	26	5	_	
Other lymphatic and hematopoietic		;		;			
tissues	19	12	. 7				
Other and unspecified sites	109	66	43	97	œ	2	2

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								Meta	astatic	Site									Γ	
Primary Site	Total, all sites	Buccal cavity and pharynx	Digestive organs and peritoneum	Respiratory system	Breast	Uterus	Other female genital organs	Male genital organs	Urinary organs	Skin, except of breast, genital organs or anus	Brain and central nervous system	Bone	Lymphosarcoma and reticulosarcoma	Hodgkin's disease	Leukemia and aleukemia	Other lymphatic and hematopoietic tissues	Other specified sites	Unspecified sites	No metastasis	Not specified as to whether metastasis or not
Total, all sites	1,445	3	36	26	2	3	2	2	2	8	9	23	94	-	-	-	105	205	517	408
Buccal cavity and pharynx Digestive organs and	39	1	- '	-	-	-	-	-	-	1	-	-	6	-	-	-	5	5	15	6
peritoneum Respiratory system Breast	223 237 82	2	23 3 -	3 12 3	2 -		-		1 - -	1 1	5	2 2	17 45 11	-	=	- - -	28 19 6	34 24 13	40 58 22	76 64 24
Uterus Other femsle genital organs Male genital organs Urinary organs	126 25 115 60	-	2 2	= -	-	1 2 -	2 - - -			- -	. <u>1</u>	1 - 5 4	- 2 2	-	-	-	4 6 5 7	26 2 18 9	51 10 26 14	41 1 58 23
Skin, except of breast, genital organs, or anus Brain and central nervous	324	-	-	3		-	-	-	-	1	-	1.	6	-	-	-	4	33	241	35
system Bone	16 7	-	-	:	-	-		-	:	-	-	-	1	-	-	-	2 -	4 3	10 3	-
Lymphosarcoma and reticulo- sarcoma	23	-	-	1	-			-	-	1	-	1	-	-	-	-	2	1	4	13
Hodgkin's disease Leukemia and aleukemia Other lymphatic and hemato-	8 32	-	1 -	-	-	-	-	-	=	-		1	-	-	=	-	=	2 9	1 4	4 18
poletic tissues Other and unspecified sites	19 109	-	5	1 3	-	-	1.1	ī	-	3	3	1 5	1 3	-	-	-	17	2 20	18	14 31

TABLE VII. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES, BY RACE AND SEX, $$\operatorname{\textsc{OKLAHOMA}}$, 1962$

		Total			White			Negro			Indian			Unknown	
Disease	Male	Female	Unknown	Male	Female	Unknown	Male	Female	Unknown	Male	Female	Unknown	Male	Female	Unknown
Anthrax in man Aseptic meningitis Botulism Brucellosis	34 	22	1 -	13	12	111	18	10	1 1 1 1	3	-	-	1111	-	1 - 1
Diphtheria Dysentery, amebic Dysentery, bacillary Dysentery, unspecified	- 88 69 -	8 78 80	2 22 -	72 21	6 64 20	-	- 1 6	- 1 9 -	-	- 7 21	2 32		- 8 21	2 11 19	2 22 -
Encephalitis, infectious Glanders Gonococcal ophthalmia Gonorrhea	9 - 1 3,352	6 - - 1,752	- - 12	6 - 1,351	5 - - 682	- - 1	3 - 1 1,791	1 - 770	- - 1	164	- - - 274		- - 46	- - - 26	- - 10
Hepatitis, infectious Leptospirosis Malaria, acquired in U. S. Malaria, acquired outside U.S.	104 - -	100 - - -	7 - -	81	85 - - -	-	5 - -	3 - -	-	8 - -	7 - -		10 - - -	5 - -	7 - -
Meningococcal infections Pertussis Poliomyelitis, acute Psittacosis	8 10 22 -	10 14 11	-	8 8 16	9 8 7 -		- 2 4 -	1 5 3	-	- - 2	1 1	1111	-	-	-
Rabies in man Rheumatic fever Salmonellosis, excluding typhoid fever	- 5 11	- 7 10	- - 2	4	- 5 6	-	- 1 2	- 2 2		-	-		1	- - 2	2
Smallpox Syphilis Tetanus Trichinosis	905 4 -	795 - -	12 -	433 3	405		310 1	233	1 -	71	- 83 -		91	- 74 -	11
Tuberculosis, respiratory Tuberculosis, other Tularemia Typhoid fever	401 15 11 5	237 13 2 2		309 7 8 2	164 5 2 2	-	42 2 2 2	32 1 -		50 6 -	40 7 -	-	- 1 1	1 -	- - -
Typhus fever, louse-borne Typhus fever, tick-borne Venereal diseases, other	7 8	- 4 2	-	5	4	:	1 5.	- - 2	-	1	-	: : -		- - -	-

-17-

		T							A	ge in Y	ears								
Diseas∉	All Ages	Under 1 year	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-44	45-54	55-64	65-74	75-84	85 and over	Unk.
Communigable Diseases																			
Diphtheria Encephalitis, infectious Gonorrhae Hepatitis, infectious Meningucoccal infections	8 15 5,116 211 18	1 12 1 2	1 1 - 4	2 2 3 1	- 5 2 2	1 4 5	2 12 45 2	- 2 50 38 3	2 1 1,106 23 1	- 1 1,959 24 -	895 17	1 1 407 6	1 328 14 1	1 119 1	1 39 3	1 - 9 4 -	1	1	167 25
Meningitis, aseptic Poliomyelitis, paralytic Poliomyelitis, non-paralytic Moliomyelitis, unspecified Rheumatic fever	57 29 3 1	5	6 -	1 4 - -	3 4 - -		24 6 1 1 3	15 3 - - 3	3 3 - - 1	1 1	1 - - 1	2 2 - -	1 1	:	- - - 1	- - - 2	-		1 - - -
Syphilis Tuberculosis, respiratory Tuberculosis, other forms Typhold fever Whooping cough	1,712 638 28 7 24	5 2 - 17	2 1 -	- 2 - 3	- 1 - 1	2 I - 1	1 1 3 1	6 7 - 1	73 22 4 1	137 33 - -	94 35 1 1	86 35 2 -	190 106 3 1	245 122 3 -	284 116 2 -	153 93 3 -	59 52 3 -	9 6 1 -	371 4 - -
Malignant Neoplasms				1			1											ŀ	1
Total, all sites	1,445	11	18	18	8	18	89	59	88	72	77	45	152	148	136	136	151	206	13
Buccal cavity and pharynx Digestive organs and peri-	39	-	-	-	-	1	5	-	-	3	4	2	7	3	2	4	4	4	-
toneum Respiratory system Breast	223 237 82	2 1 3	1 2 1	5 4 -	3 - -	2 2 -	12 20 5	12 5 4	11 12 4	12 5 6	10 18 4	5 5 1	25 21 8	21 28 12	23 28 12	19 26 4	29 19 6	30 36 11	1 5 1
Uterus Other female genital organs Male genital organs Urinary organs	126 25 115 60	2 - 1 -	2 1 2	1 -	- 3 -	3 1 1 -	6 1 5 3	5 5 2	11 1 8 5	5 - 3 4	6 2	3 - 4 6	12 4 11 6	14 2 14 6	7 - 12 4	11 3 12 11	17 2 8 7	24 5 18 4	1 -
Skin, except of breast, genital organs, or anus Brain, central nervous system Bone Lymphosarcoma, reticulosarcoma	324 16 7 23	1	4 - - 2	5 -	2 -	6 - - -	18	13 3 -	21 1 - 2	21 1 - 2	19 - 1 1	10 2 - 1	35 1 2 3	27 1 - 2	33 1 - 2	24 - 1 5	39 3 1	44 3 2 3	2 -
Hodgkin's disease Leukemia and aleukemia Other lymphatic and hemato-	8 32	-	1	-	-	-	1 2	1	1 4	1	2	1	1 4	1 4	2	2 2	4	4	-
poietic tissues Other and unspecified sites	19 109	ī	1	3	:	2	1 10	4	7	8	2 4	1 4	3 9	2 11	2 8	12	3 9	4 14	- 2

Disease	Carter	Cherokee	Choctaw	Cimarron	Cleve- land	Coal	Comanche	Cotton	Craig	Creek
Anthrax in man	.	_	,	,						.]
Aseptic meningitis			,				w			
Botulism	·				,			,		
Brucellosis				,					_	
Diphtheria		,	,	,			,			
Dysentery, amebic		,	-	w	13	,		ı		4
Dysentery, bacillary		-	2	,	1		19	,	,	
Dysentery, unspecified		,		ı				1		
Encephalitis, infectious	_					,			_	
Glanders			,		ı	,	ı	,		
Gonococcal ophthalmia	,		,	,		,	,		,	
Gonorrhea	102	6	68	ı	14	,	529	2	-	132
Hepatitis, infectious		2	-	,		7	6		2	18
Leptospirosis		-	,	,	,		,	,	,	
Malaria, acquired in U. S.	ı		,	,	,	,	,	1	,	
Malaria, acquired outside U. S.		,		,		•			,	· .
Measles	_			,	ı	ı	. 47	w	,	69
Meningococcal infections	2			٠			, ,			_
Pertussis	,		,	,	٠,	,	- 2	,	,	
Poliomyelitis	,	1	. 1	,	_	٠,	-		,	w
Psittacosis						,			,	
Rabies in animals	2	_	,		,		4	,		
Rabies in man	,	,	,	٠	•			,		
Rheumatic fever	,	ı	,	,		1	2	ŧ	,	,_
Salmonellosis, exc. typhoid fever	,	,		ı	,	1	1	,	,	2
Smallpox	ı		,		,	,	,	,		
Streptococcal sore throat,						:				
including scarlet fever	,		,	,		10	7	2	,	70
Syph111s	28	17	8	ı	19	1	69	2	34	25
Tetanus		1	•	,	ı	ı	ı	,		
Trichinosis	,	,	,	,	,		,	,	,	
Tuberculosis, respiratory	6	80	2	2	15	_	18	2	4	10
Tuberculosis, other	,	_	1	,	1	1	ü	,	,	,
Tularemia	ı	,	1		,	,		ı	,	
Typhoid fever		ı		·		1	-		_	
Typhus fever, louse-borne	,	,	,	,		1	,	,	ı	,
Typhus fever, tick-borne	-	1	1	1		í	į	ŧ		_
Venereal diseases, other	,	,				,	w	,	,	,
Nalionant neonlasms		õ	5	_	25				,	3
Maraguatic neobrasus	14	1.9	ı		٥	ļ	ā	4	9	37

Disease Anthrax in man Aseptic meningitis Botulism Brucellosis	State 57	Adair	Alfalfa	Atoka	Beaver	Beckham	Blaine	ñ	Bryan
Brucellosis	7		,		,			_	
Dysentery, amebic	168			_		2			
Dysentery, bacillary	171	_	,					,	
Dysentery, unspecified		,		,	í	,			
Encephalitis, infectious	15		,					,	
Glanders			,	1	,	,			-
Gonococcal ophthalmia		. ,		₹.	,	٠,		٠,	
Gonorrhea	5,116	_	,	26	,	6		76	76 8
Hepatitis, infectious	211	14	,	,				,	- 2
Leptospirosis		,		1	,			,	1
Malaria, acquired in U. S.		,		,	,	,		,	
Malaria, acquired outside U. S.			,	1	,				
Measles	2,095		,		ı	1		2	2 1
Meningococcal infections	18				,			,	
Pertussis	24			,	,				
Poliomyelitis	33		,	,					
Psittacosis	,	,	,	,					
Rabies in animals	32	ı	,	,	,	1		_	
Rabies in man			,		,	,		,	
Rheumatic fever	12	,	,	,					
Salmonellosis, exc. typhoid fever	23	,	ı		,	,		,	
Smallpox	,		,	,	,	,		,	,
Streptococcal sore throat,	!								
including scarlet fever	764	; ,	-	, ,	,	; ,		٠,	
Syphilis	1,712	13	_	u	,	2.1		4	4
Tetanus	4	,	,	,	,	,		1	1
Trichinosis		,	,			٠.			
Tuberculosis, respiratory	638	11	,	5	2	6			5 7
	28	,	,		,	-		1	
Tularemia	13	2	,	_	,	,			
Typhoid fever	7				,	,		,	
Typhus fever, louse-borne						,			
	11		,	1		,		,	
Venereal diseases, other	10	ı	,						
	1.445	4	-	14	4	16		6	6 12

TABLE IX. REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHOMA CITY, TULSA CITY, AND MILITARY, 1962

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TABLE IX. REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHOMA CITY, TULSA CITY, AND MILITARY, 1962

(Continued)

Malignant neoplasms	Typhus fever, tick-borne	Typhoid fever	Tuberculosis, respiratory Tuberculosis, other	Trichinosis	Syphilis	Streptococcal sore throat,	Salmonellosis	Rheumatic fever	Rabies in animals	Psittacosis	Pertussis	Meningococcal infections	Malaria, acquired in U. S. Malaria, acquired outside U. S.	sp.	Gonorrhea Hepatitis, infectious	Gonococcal ophthalmia	Encephalitis, infectious	Dysentery, bacillary	Dysentery, amebic	Diphtheria	Botulism	Anthrax in man		Disease		Malignant neoplasms	Venereal diseases, other	Typhus fever, louse-borne Typhus fever, tick-borne	Typhoid fever	Tularemia	Tuberculosis, respiratory	Trichingeis	Syphilis	Streptococcal sore throat,	Smallpox	Rheumatic fever	Rabies in animals	Psittacosis	Pertussis	Measles Meningococcal infections	Malaria, acquired in U. S.	Hepatitis, infectious	Gonorrhea	Glanders	Encephalitis, infectious	Dysentery, bacillary Dysentery, unspecified	Diphtheria Dysentery, amebic	Brucellosis	Aseptic meningitis	Anthon In	Disease
ω ,				1 1				. ,					, ,	,										Harper		28			,		9 .		39		. 2				-	- 16		, :	17			- 19			۰.		Custer
4 ,			4 ــ •						,			. 6		. :	14 5			·ω		. ,				Haskell		6	,		ı		6 1		6	-		,							» ı	,			1 1	, ,			Delaware
15	,		- 8		10		-		,						د با				. ,	. ,				Hughes		7	,				- 1		5 1						,										۲.]	Dewey
10	,		, 2		7				1			7			5 8			- 2		٠.				Jackson		2			,											. ,	, ,	H									Ellis
	,						٠,		,		, ,			,									_	Jeff-		16	,		-		4 1		24	a n		,	. 5			2 6	. ,		36 -			. 1					Garfield
13 ,				. ,	2 -				,				١,		. 4	, ,			,					Johnston		23	,			- ,	4 1	_	13				-		,	. 4		, :	17				13 -	1 1			Garvin
18 ,			18		36	۱ د		۰,	,			34			. 32		1		ယ	-	-1-1		1	Kav	ŀ	50					91		20				-			ıω		.	5 ,				- 1				Grady
6			2 -		102		,		w			164			v œ			-	-			- ,	fisher	King-		_						,	2 4				,			12			- 1		ı				۰.		Grant
6 1			1 2		٠.		,		_			-			- 4			,						84048		=	ı				4 1		ن د				-		_			, ,	۱ د				ا تنا				Greer
، و		- 2	7		6		,		,			2			12			2	٦.					Latiner	Į	6					۰.		12										٠,								Harmon

Cartield darwin Grady Grant Greer Harmon Achtrax in man Acht
Garvin Grady Crant Corect Harmon Anthreax in man Anthre
Grant Greet Harmon Authrax in man Bruchlosis Glanders Halaria, acquired outside U.S. Healias, acquired outside U.S. Healias, acquired in [S. Halaria, acq
Anthrax in man Aceptic mentinglits Brucellosis Glanders Glanders Brucellosis Glanders Glanders Brucellosis Brucellosis Glanders Brucellosis Brucellosi
Anthrax in man Dysantery, amebic Encephalisis, infections Clanders
Anthrax in man Asspit activity is activity in a configuration Brucellosis Brucellosis Brucellosis Brucellosis Brucellosis Brucellosis Dysentery, amebic Dysentery, amebic Dysentery, bacillary Brucellosis Conococcal ophthalal Conococcal ophthalal Dysentery, samplered outside U.S. Halaria, acquired the U.S. Halaria, backet on Bac
teFlore fied ited ite
teFlore fied in ll S
Lincoln

TABLE IX. REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHOMA CITY, TULSA CITY, AND MILITARY, 1962

			(Continued)	(Continued)						
Disease	LeFlore	Lincoln	Logan	Love	McClain	McClain McCurtain McIntosh	McIntosh	Major	Marshall	Mayes
athrax in man			1				,	ı	ı	,
septic meningitis			,		_	-	,			
otulism				,	,	,	,		,	,
rucellosis			,				,	,		
iphtheria		,_	,			ı	,		,	ı
ysentery, amebic		-	-	ı	8	14			_	,
ysentery, bacillary	2	,				3	_			,-
ysentery, unspecified	,	,	,			,	,	,		
ncephalitis, infectious	,		1	,	,	,			,	,
landers	,	,	,			ı		1	,	,
onococcal ophthalmia	i	,	. 1						,	,
norrhea	27	7	16		6	45	34			6
epatitis, infectious	_	_	,	,	,	٥	ı		,	,
eprospirosis										
ilaria, acquired outside ILS.									, ,	
asles	_	_	62		,	56		42	17	
eningococcal infections	,	1	,			,	,			
rtussis				-		,			,	,
oliomyelitis	-	,	-	,	,	2	-		,	
ittacosis				ı		ı	,	,		
bies in animals	,	-	,	,	1	,	,	,		
bies in man	1	,	,	,		,	,			,
neumatic fever	. 1	,	,		,	,	,			,
imonellosis	1	,	,	,		,	1			,
Milpox	,	1	,		ı		,			
reptococcal sore throat,			:							
including scarlet fever	ىي		17	,				2	. (5	
philis	10	9	9		8	6	5	•	4	22
tanus		,		,	ι	,		ı	,	,
ichinosis :				٠		,		,	,	,
berculosis, respiratory	18	2	4		4	13	5	,	4	12
berculosis, other	,		,			-			,	_
laremia		,	,		,	ı	,	•	ì	
phoid fever		,	,			,				_
phus lever, louse-borne			,			,		,		
phus fever, tick-borne	ı	,		,	,		1		,	
nereal diseases, other	,			,	,		,			,
lignant neoplasms	24	19	24	6	6	19	17	_	5	17
					L					

Disease	Murray	Muskogee	Noble	Nowata	Okfuskee	Okfuskee Oklahoma Okmulgee	0kmulgee	Osage	Ottawa	
Anthrex in men									_	
Aseptic meningitis				,	2	40			,	_
Botulism		,				,		ı		
Diphtheria				. ,	2	- .			. ,	
Dysentery, amebic	1	y.	ı		_	48	,			_
Dysentery, bacillary	1	10	ı		5	33	16	ı	,	
Dysentery, unspecified	,	,					ì	ı		
Encephalitis, infectious	1					U	_			
Clanders	,	,						,		
Gonococcal ophthalmia										_
Gonorrhea	w	325	2	,	96	1,674	100	2	Ξ	
Hepatitis, infectious		G	,	_	-	40	_	,		
Leptospirosis	,					,	,		,	
Malaria, acquired in U. S.	,	,			1		,	,		
Malaria, acquired outside U. S.	,			,	,	,	,		,	
Measles	_	6	18			173	122	27	ı	
Meningococcal infections	,				. ,			,	2	
Pertussis					_	9	G		,	
Poliomyelitis	,	u			•	2		ı		
Psittacosis				,			,			
Rabies in animals		,	1		,	-		,	,	
Rables in man	,					,	,	ı		
Rheumatic fever	,	,	,		,	5				
Salmonellosis						w	,	,	,	
Smallpox	,		•			٠		ı		
Streptococcal sore throat,										
including scarlet fever		1	5	w	-	30	23	5	,	
Syphilis	17	170	4	w	20	379	33	27	42	
Tetanus	•	-	,	,				,	,	
Trichinosis	,	,	,	,	1		,	,	,	
Tuberculosis, respiratory	5	14	,	,	17	103	15	80	17	
Tuberculosis, other	,	ı	,	,		2	,			
Tularemia	1	,	,	1		1	,			
Typhoid fever	ı	,			,	,	·			
Typhus fever, louse-borne	,		ı	,			,		'	
Typhus fever, tick-borne	,	2	1			5	,			
Venereal diseases, other	1		,		,	u	1			
Malignant neoplasms	10	62	6	œ	16	254	34	17	19	

-20-

TABLE IX. REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHOMA CITY, TULSA CITY, AND MILITARY, 1962

	Mal I propriet	Venereal diseases, other	Typhus fever, louse-borne	Typhoid fever	Tuberculosis, other	Tuberculosis, respiratory	Trichinosis	Syphilis T-	including scarlet fever	Smallpox	Salmonellosis	Ξ.	Rables in man	Psittacosis	Poliomyelitis	Pertussis	Meningonomal infortion	Malaria, acquired outside U. S.	Malaria, acquired in U. S.	Leptospirosis	Gonorrhea	Gonococcal ophthalmia	Glanders		Dysentery, bacillary	Dysentery, amebic	Diphtheria	Botulism	Aseptic meningitis	Anthrow in mon	Disease		Malignant neoplasms	Venereal diseases, other	ever, tick	Typhus fever, louse-borne		Twerculosis, other	Tuberculosis, respiratory	Trichinosis	Tetanus	including scarlet fever	Streptococcal sore throat,	Smallpox	Salmonellosis	Rabies in man	Rabies in animals	Psittacosis	Policemolitie	Meningococcal infections	,,	Malaria, acquired in U. S. Malaria, acquired outside U. S.	Leptospirosis	Hepatitis, infectious	Gonorrhea Gonorrhea	Glanders	Encephalitis, infectious	illar	Dysentery, amebic	Diphtheria	Bricelloste	Aseptic meningitis	Anthrax in man	Disease	
	,					2		s		,	,						20	٠,	,		u					,					Texas	1	35		_			,	4		- 22	3 ,				,	1							, 8	£ .				7			,		Payne	
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	3				-	92		189	405		12				10	ω ,	800		ı	, ,	229	-	, ,	، د	19	4	- 1	•	- 1		Tulsa W		16						9														,	, ,	7 -			_						Pontoto	1
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TABLE III-A. REPORTED CASES OF COMMUNICABLE DISEASES, BY MONTH, OKLAHOMA, 1963

-23-

Disease	IOCA	ā	200		and and		THE TOTAL	an.	100
Estimated population	2,441,000	000	2,220,069	069	156,242	242	64,689	589	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number
Anthrax in man									
Botulism									
Brucellosis	5	0.2	4	0.2			1	1.5	
Diphtheria	18	0.7	15	0.7			w	4.6	
Dysentery, amebic	93	3.8	67	3.0		-	9	13.9	17
Dysentery, bacillary	110	4.5	50	2.3	10	6.4	26	40.2	
Dysentery, unspecified	<u>۔</u>	0.1	2	0.1			1	1.5	
Encephalitis, infectious	6	0.2	6	0.3				,	
Glanders									
Gonococcal ophthalmia	4	0.2			4	2.6			
Gonorrhea	4,434	181.6	1,726	77.7	2,188	1,400.4	368	568.9	152
Hepatitis, infectious	131	5.4	101	4.5	w	1.9	14	21.6	13
Leptospirosis								,	
Malaria, acquired in U.S.		ı					,		
Malaria, acquired outside U.S.									
Meningococcal infections	40	1.6	33	1.5	5	3.2	1	1.5	
Meningitis, aseptic	27	1.1	22	1.0	5	3,2		,	
Poliomyelitis, acute	2	0.1	2	0.1					
Psittacosis		,		1					
Rabies in man						,			
Rheumatic fever	7	0.3	_	0.0	ى	1.9	2	3.1	
Salmonellosis, excluding									
typhoid fever	55	2.3	29	1.3	2	1.3	7	10.8	17
Smallpox					,		,		
Syphilis	1,815	74.4	835	37.6	546	349.5	132	204.1	302
Tetanus		0.3	4	0.2	2	1.3	2	3.1	
Trichinosis									
Tuberculosis, respiratory	744	30.5	543	24.5	. 68	43.5	110	170.0	2
luberculosis, other forms	24	1.0	9	0.4	4	2.6	10	15.5	
Tularemia	16	0.7	. =	0.5	, ,		υ	4.6	
Typhoid rever	: .	2.0			7				
Typhus fever, tick-borne	11	0.5	7	0.3			4	6.2	
Typhus fever, louse-borne				,				,	
Venereal disease, other	12	0.5	6	0.3	6	3.8	,	,	
Whoming cough	54	2,2	23	1.0	25	16.0	4	6.2	

TABLE II.A. REPORTED CASES OF COMMUNICABLE DISEASES, NUMBER AND RATE (NUMBER PER 100,000 ESTIMATED POPULATION), BY RACE, OKLAHOMA, 1963

-25-

				_		-						
Skin, except of breast, genital organs, or amus Brain and central nervous system Bone phonarcoma and reticulosarcoma Hogkin's disease elekamia and aleukemia ther lymphatic and hematopoletic Other and unspecified sites	Uterus Other female genital organs Male genital organs Urinary organs	Buccal cavity and pharynx Digestive organs and peritoneum Respiratory system Breast	Total, all sites	Primary Site	:	TABLE V-A. CAS	Hodgkin's disease Leukemia and aleukemia Other lymphatic and hematopoictic tissues Other and unspecified sites	Skin, except of breast, genital organs, or anus Brain and central nervous system Bone Lymphosarcoma and reticulosarcoma	Uterus Other female genital organs Male genital organs Urinary organs	Buccal cavity and pharynx Digestive organs and peritoneum Respiratory system Breast	Total, all sites	Primary Site
60 82 31 86 86 31 187 187 50 669	154 107 223 180	1,018 1,79 179 243	5,364	Total		RIMARY SITE	7 29 7 76	11.7 4 9 21	43 6 102 43	21 188 153 44	870	Total
40 55 114 53 53 20 121 29 454	223 117	43 531 160 2	1,862	Male	Sex	CASES OF MALICAMET NOOPLASMS REPORTED BY DEATH CERTIFICATE ONLY, BY PRIMARY STIE OF LESION, MACE AND SEX, OKLANDWA, 1963	5 24 5 50	96 4 7	102	19 121 143 1	621	Male
20 27 17 33 11 66 66 21	154 107 - 63	21 487 19 241	1,502	Female	×	CE AND SEX,	2 5 2 26	21 - - 2 10	43 6 10	67 10 43	249	Female
60 78 26 83 83 175 42 628	127 95 197 166	61 922 169 227	3,084	White		DEATH CERTI	7 26 7 66	114 4 8 19	34 96 43	19 170 148 37	804	White
₩ & W W W W N I	19 9 24 12	. 79 . 8 14	228	Negro	Re	63	ا س ا ج	2011	4 1 10 1	2 13 3 2	36	Negro
13 21 1121	2200	2 2 2	51	Indian	Race		0.1.1			5051	28	Indian
		ř. e.	1	Unknown							2	Unknown

TABLE IV-A. CASES OF MALICMANT NEOPLASMS REPORTED THROUGH REGULAR CHANGELS, BY PRIMARY SITE OF LESION, RACE AND SEX, OKLAHOMA, 1963

TABLE VI-A. CASES OF MALIGNANT NEOPLASMS REPORTED THROUGH REGULAR CHANNELS, BY PRIMARY SITE OF LESION, BY METASTATIC SITE, OKLAHOMA, 1963

		1	L							Metas	static	Site									
	Primary Site	Total, all sites	Buccal cavity and pharynx	Digestive organs and peritoneum	Respiratory system	Breast	Uterus	Other female genital organs	Male genital organs	Urinary organs	Skin, except of breast, genital organs, or anus	Brain and central nervous system	Bone	Lymphosarcoma and reticulosarcoma	Hodgkin's disease	Leukemia and aleukemia	Other lymphatic and hematopoletic tissues	Other specified sites	Unspecified sites	No metastasis	Not specified as to whether metastasis or not
	Total, all sites	870	2	13	20	-	1	1	1	3	2	8	8	32	-	-	-	47	145	175	412
	Buccal cavity and pharynx Digestive organs and	21	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	1	4	10	4
	peritoneum Respiratory system Breast	188 153 44	=	8 2 -	4 10 2	-	-	-	-	2 -	-	1 5 -	1 -	6 14 2	-	-		6 12 2	23 28 11	21 30 5	117 51 22
	Uterus Other female genital organs Male genital organs Urinary organs	43 6 102 43	=======================================	-	1	-	-	1	-	1 -	2		- 2 3	1 - 2 -				1 8 5	11 11 7	14 - 10 5	17 3 66 23
	Skin, except of breast, genital organs, or anus Brain and central nervous	117	-	-	1	-	1	-	1	-	-	1	1	2	-	-	-	2	16	62	30
	system Bone	4 9] :	-	-	:	-	-	-	- 1	-	-	-	-	-	-	-	- 1	1 2	2 1	1 5
	Lymphosarcoma and reticulo- sarcoma	21	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	4	-	14
	Hodgkin's disease Leukemia and aleukemia Other lymphatic and hemato- poletic cissues Other and unspecified sites	7 29 7 76	1 1	- - 3	- - 1	-		11	111	11 11		1	1	1 - 1		11 11		- 1 7	1 - 26	1 4 - 10	5 23 5 26
ĺ																					l

	_		Total			White			Negro			Indian			Unknown	
	Disease	Male	Female	Unknown	Male	Female	Unknown	Male	Female	Unknown	Male	Female	Unknown	Male	Female	Unknown
	Anthrax in man Aseptic meningitis Botulism Brucellosis	17 - 4	10		- 13 - 4	- 9 -	-	- 4 -	1 -			- - 1			-	-
	Diphtheria Dysentery, amebic Dysentery, bacillary Dysentery, unspecified	9 45 52 2	9 48 52 1	- - 6 -	7 27 28 2	8 40 22 -		- - 5 -	- - 5 -	-	2 6 10	1 3 15 1	- 1	12 9 -	5 10	- - 5 -
	Encephalitis, infectious Glanders Gonococcal ophthalmia Gonorrhea	4 - 1 3,123	2 - 3 1,297	- - 14	4 - 1,146	2 - - 579	- - 1	1 1,737	- 3 450	- - 1	- - 146	- - 222	-	- - 94	- - - 46	- 12
-26-	Hepatitis, infectious Leptospirosis Malaria, acquired in U.S. Meningococcal infections	58 - - 19	59 - - 21	14 - - -	51 - - 18	50 - - 15	-	2 - - 1	1 - - 4	-	4 - -	6 - - 1	4 - -	1 - -	2 - - 1	10 - - -
	Pertussis Poliomyelitis, acute Psittacosis Rabies in man	23 1 -	30 1 -	1 -	8 1 -	15 1 -	-	12 - -	13 - -	- - -	2	1 -	1 - -	1	1 - -	-
	Rheumatic fever Salmonellosis, exc. typhoid f. Smallpox Syphilis	2 22 - 981	4 31 - 810	1 2 - 24	14 - 425	1 15 - 409	- - 1	2 1 - 331	1 1 - 215	-	- 2 - 63	2 5 - 69		- 5 - 162	10 - 117	1 2 - 23
	Tetanus Trichinosis Tuberculosis, respiratory Tuberculosis, other	6 - 481 15	2 - 259 9	- - 4 -	3 - 383 5	1 160 4	-	2 44 4	- 24 -	-	1 - 45 6	1 - 65 4	-	- 9 -	- 10 1	- - 4
	Tularemia Typhoid fever Typhus fever, tick-borne Typhus fever, louse-borne	11 3 5 -	5 3 6	-	7 1 4	4 - 3 -	-	- 2 - -	-	-	3 1 -	- 2 3 -	-	1	1 1 -	=
	Venereal disease, other	10	2	-	4	2	-	6	-	-	-	-	-	-	-	-

TABLE VIII-A. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES AND CASES OF MALIGNANT NEOPLASMS REPORTED THROUGH REGULAR CHANNELS, BY SITE, BY AGE, OKLAHOMA, 1963

ĺ		A11									Age in	Years								
	Disease	Ages	Under 1 year	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-44	45-54	55-64	65-74	75-84	85 and over	Unk.
ı	Communicable Diseases				i			ļ		1	1			ŀ	ŀ					
	Diphtheria Encephalitis, infectious Gonorrhea Hepatitis, infectious Meningococcal infections	18 6 4,434 131 40	1 7 - 5	1 1 2 6	1 - 9 - 10	2 - 5 3 8	- 2 4 2 -	5 1 26 19 4	5 - 37 14 1	914 12 1	- 1,640 12	693 14 1	1 - 346 11 -	1 2 352 12	- 110 7 1	1 - 44 6 1	12	- - 4 1	- - 1	230 12 2
	Meningitis, aseptic Poliomyelitis, paralytic Poliomyelitis, non-paralytic Poliomyelitis, unspecified Rheumatic fever	27 2 - 7	7 - - -	1 -	-	3 - - -	- - - -	6 1 - -	1 - - 1	1 1 - - 3	1 1	1	-	2	1	-	-	-	-	
-27-	Syphilis Tuberculosis, respiratory Tuberculosis, other forms Typhoid fever Whooping cough	1,815 744 24 6 54	1 3 1 28	12	3 1 - 4	- 1 1 4	- 4 - 1	1 1 - 3	1 8 - 1	76 31 1 1	139 30 - -	81 19 - -	89 35 1 -	187 97 6 -	231 136 3 1	285 139 3 -	215 114 3 1	70 71 - -	13 20 2	427 32 1 -
	Malignant Neoplasms																			
	Total, all sites	870	1	-	-	-	-	1	1	1	1	5	7	34	84	159	286	200	78	12
	Buccal cavity and pharynx Digestive organs and peri- toneum Respiratory system Breast	21 188 153		-	-	- -	-	1	-	-	-	1	- 1	2 4 3	1 12 24	3 33 34	10 68 61	4 45 19	1 21 8	3 3
Ī	Uterus Other female genital organs Male genital organs Urinary organs	44 43 6 102 43			-	-	-	-	-	-	-	3	3 -	3 7 1 - 4	4 6 1 1	12 5 1 11 8	8 12 - 34 14	12 6 3 40	4 - 16 2	1
	Skin, except of breast, genital organs, or anus Brain, central nervous system Bone Lymphosarcoma, reticulosarcoma	117 4 9 21	- - 1	-		-	-	:	-		1			1 1 2	12 1 3 2	25	37 2 2 2	25 - - 7	13	3 - 1
- 1	Hodgkin's disease Leukemia and aleukemia Other lymphatic and hemato-	7 29	-	-	-	-	-	-	1	1 -	-	- 1	1 -	2	1 3	2	1 6	1 12	- 1	-
-	poietic tissues Other and unspecified sites	7 76	- 1	-	-	-	-	-	-			-	- 2	- 3	1 10	1	3 26	1 12	1 8	:

TABLE IX-A. REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHOMA CITY, TULSA CITY, AND MILITARY, 1963

Disease	State	Adair	Alfalfa	Atoka	Beaver	Beckham	Blaine	Bryan	Caddo	Canadian
Anthrax in man							,		.	
Aseptic meningitis	27		,					_	,	
Botulism		,			,					,
Brucellosis	5		,	-		_	,	,		
Diphtheria	18	13								
Dysentery, amebic	93	,	,	_		,	1		-	_
Dysentery, bacillary	110	_	,		1			,		_
bysentery, unspecified	س ،		,				_		,	
Encephalitis, infectious							,			
Gonococcal ophthalmia	4	,	,	,	ı					
Gonorrhea	4,434	19		_		9	54	15	45	'n
Hepatitis, infectious	131	2		,			_	,	Ξ	,
Leptospirosis		,	,	,	,				ı	
Malaria, acquired in U. S.		,			,	,				
, acquired outsi			,				ı			
Measles	376	,			,		ı		29	
Meningococcal infections	40	,	,	,		ı			,	
Pertussis	54	,		_	,		ı		•	w
Poliomyelitis	2	,			,		,		,	,
rsiccacosis		,	,	1	,	·		,	,	
Rabies in animals	67	ı			_	1		2	ب	2
Rabies in man	,	,	,		,		ı	,	,	,
Kheumatic fever	7	,		,	,		ı	,	,	,
Salmonellosis, exc. typhoid fever	55	,			,	,	,		_	
Smallpox	,	,	ı	,					,	
Streptococcal sore throat,										
including scarlet fever	966	_		,			,	1	w	,
Syphilis	1,815	00		2	_	6	6	œ	18	Ξ
Tetanus	8	,		,		-	-		,	
Trichinosis	,	,			1			1		
Tuberculosis, respiratory	744	15	w	4	_	S	Ξ	10	13	s
Tuberculosis, other forms	24	,	,	ı	,	·	2	,	ı	
Tularemia	16	-	,					,		.,
Typhoid fever	6	,	,	ı			-	4		
Typhus fever, tick-borne	Ξ			1			,	,	ı	
Typhus fever, louse-borne			,	,			,			
Venereal disease, other	12		,		,	٠				,
Malignant neonlasms	870	ىد		ىد		<u>م</u>	٠		3	•

_				'							Anthrax in man
	Creek	Craig		Comanche Cotton	Coa1	land	Carter Cherokee Choctaw Cimarron	Choctaw	Cherokee	Carter	Disease
						Cleve-					
ļ											
	8	12	4	2	6	4	3		w	870	Malignant neoplasms

ptic meningitis

venerear disease, other	Drived Ecect) todac-politic	Typhus fever louse-boyne	Typhus tever, tick-borne	- Driver of Force	Tunhold force	Tularemia	inderculosis, other forms	Tuberculosis, respiratory	Tuberculocia vecelulari	Trichinosis	Lecanus	39H1115	Combillion of the contract and the contract of	including scarlet fever	Streptococcal sore throat,	Soditem	Carmonerrosis, exc. cypnoid rever	Salmonal locks own truckers for	Rheumatic fever	Rabies in man	vantes in animals		Peittacoete	Poliomyelitis	Pertussis	retrigococcar intections	Montage	Measles	Malaria, acquired outside U. S.	Malaria, acquired in U. S.	Leptospirosis	nebatitis, intectious	Gonornea	Conscored ophenamia	Gonococal orbitholaid	Glanders	Encephalitis, infectious	Dysentery, unspecified	Dysentery, bacillary	Dysentery, amebic	Dibutheria	precentors	Brucallocia	Botulies	Aseptic meningitis	Anthrax in man	Di sease		
,							,					2	,			•					,_									,	,	ı	1							,			,	,	_		Harper		
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Botulism
Brucellosis
Uphtheria
Dysentery, mebid
Dysentery, bacillary
Dysentery, bacillary
Dysentery, bacillary
Dysentery, bacillary
Dysentery, unpecified
Gnaders
Habrita
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TABLE IX-A. REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHOMA CITY, TULSA CITY, AND MILITARY, 1963

Anthrax in man Assetic meningitis Brucellosis Diphthreit, bacillary Dysentery, amebic Comprehent of the first			_	(Continued)	=						
field field feet field feet field field feet field feet field feet field feet field field feet field feet field feet field field feet field feet field feet field feet field field feet field feet field fie	Disease	Custer	Delaware	Dewey	Ellis	Garfield	Garvin	Grady	Grant	Greer	Harmon
ry ctios ctios ctios and a ctios cti	Anthrax in man						,				
tred field feet field field feet field fie	Aseptic meningitis					,					
ry y 7 7 1 4 4 7 7 1 5 1 1 4 4 7 7 1 1 5 1 1 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1	Botulism .	,									
fred cities	Brucellosis	,	,								
teled 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Diphtheria				,						
Fied Property (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Dysentery, amebic						4	,			
etical et	Dysentery, bacillary	7				_					
etious mila 7	Dysentery, unspecified										,
min U. S. 13 7 4 2 33 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Encephalitis, infectious	,				,					,
min	Glanders	,	,	,					. ,		
ous 13 4 2 33 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Gonococcal ophthalmia	,		ı				,			
ous 13 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	Gonorrhea	7	4	2		3	7	ا	9	- ,	- ,
In U. S	Hepatitis, infectious	13				- 1		v (
ttions 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Leptospirosis										
nusside U. S. 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Malaria, acquired in U.S.	,				,					
te e 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		,				,					
Etions		J	2	,		,		2			
te	Meningococcal infections	ı			,		-	-	,		
Le	Pertussis	2	,	ı			۰ -	. ,			- ,
2 2 2 2 2 2 2 2 2 2	Poliomyelitis, acute		1	,			,				
typhold fever 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Psittacosis										
throat, tracer	Rabies in animals	2	2			2		7	- 1	_ ,	٠,
typhold fever 6 2 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Rabies in man								. ,		. ,
typhold fever 6	Rheumatic fever	_		,				,			
throat. fever 90 7 4 1 27 15 9 1 1 27 15 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Salmonellosis, exc. typhoid fever	6	,			2	,	-			
Every	Smallpox	·		,							
Fewer 10 7 4 1 27 15 15 15 15 15 15 15 1	Streptococcal sore throat,										
70 7 4 1 27 15 Tratory 8 9 1	including scarlet fever	ı	,	,			,	5	2		,
ratory 8 9 1	Syphilis .	30	7	4	-	27	15	=	2	4	٠.
ratory 8 9 1 6 10 10 10 10 10 10 10 10 10 10 10 10 10	Tetanus	,		,	,	,				- ,	
Forms 9 1	frichinosis			,						,	
Forms 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Suberculosis, respiratory	8	9	-	,	6	10	6			
borne	Suberculosis, other forms			-	,				-		
borne	fularemia	,	-						_		,
oborne	yphoid fever	ı	_		ı						
ther	Typhus fever, tick-borne							,			. ,
ther	yphus fever, louse-borne	,								. ,	
36	energal disease other	4		,			•				
	and ordered order		_								

Disease	Custer	Delaware	Dewey	Ellis	Garfield Garvin	Garvin	Grady	Grant	Greer	Harmon
rax in man			,			,				
ic meningitis										- 1
11sm	ı		,							
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itery, amebic						4	,			
itery, bacillary	7				_					
itery, unspecified	ı						,			
halitis, infectious	,	,							•	
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occal ophthalmia			ı				,			
rhea	7	4	2		ယ ယ	7	13	2	-	-
itis, infectious	13				_		2			,
spirosis								1		
ia, acquired in U.S.	,				,		ı			
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	w	2					2			
gococcal infections	ı					-	_	,		,
ssis	2	,	ı			-				-
myelitis, acute		-	,			,	,			
acosis				1					,	,
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s in man	,			,						
atic fever	_		,		,		,			
nellosis, exc. typhoid fever	6	,	•	,	2	•	-			,
pox	ı	,	,						,	
tococcal sore throat,										
luding scarlet fever	٠		,	,			U	2		,
lis	30	7	4	-	27	15	Ξ	2	4	6
us	,	,					-		_	, .
inosis	•	١	,			,		,	,	
culosis, respiratory	8	9	-	,	6	10	6			,
culosis, other forms			-			٠				
emia	,	-				٠		,		
id fever	ı	_		,						,
s fever, tick-borne	,		,				,			
s fever, louse-borne	,									_
eal disease, other						•				
						_			_	
ant neoplasms	26	1	6	4	19	7	14	w	4	
			-							
			_							

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IX-A. REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHOWA CITY, TULSA CITY, AND MILITARY, 1963

(Continued)

Dishtheria
Dysantery, baciliary
Dysantery, baciliary
Dysantery, baciliary
Dysantery, baciliary
Dysantery, baciliary
Dysantery, baciliary
Dysantery, baciliars
Gancoccal onthalma
Conorries
Heatis, infectious
Lanconicosis
Lanconicosis
Lanconicosis
Lantonicosis
Heatis, acquired outside U. S.
Malaria, acquired outside U. S.
Malaria, acquired outside U. S.
Malaria, acquired in U. S.
Malaria, acquired outside U. S.
Ma Smallnow Strappononcal more throat. Including scartet fewer Symbilis Trichinosis Trichinosis Trichinosis Trichinosis Thereculosis, other forms Thurscalis, other forms Typhin fewer, tick-horne Typhin fewer, tick-horne Typhin fewer, tick-horne Typhin fewer, tick-horne Typhin fewer, touse-horne Typhin fewer, touse-horne ucellosis
phtheria
sentery, amebic
sentery, bacillary
sentery, unspecified
dephalitis, infectious
anders Disease hrax in man otic meningitis 1111115127

										,
Disease	Murray	Muskogee	Noble	Nowsta	Okfuskee	Oklahoma	Muskogee Noble Nowata Okfuskee Oklahoma Okmulgee Osage	Osage	Ottawa	Pawnee
Anthrax in man		,		,			,	,		

Botulism
Brucellosis
Diphtheria
Dysentery, amebic
Dysentery, bacillary
Dysentery, unspecified
Encephalitis, infectious
Clanders

ic meningitis

lignant neoplasms	28	8	14	1	2	u	8	2	2	16
Disease	Murray	Muskogee Noble	Noble	Nowsta	Okfuskee	Oklahoma	Nowata Okfuskee Oklahoma Okmulgee Osage Ottawa Pawnee	Osage	Ottawa	Pawnee
three in man				,						

Anthrex in men Aseptic meningitis	Disease		Malienant neoplasms	Venereal disease, other	Typhus fever, louse-borne	Typhus fever, tick-borne	Typhoid fever	Tularemia	rangitation, order forms
	Texas		14	,		,	,		,
	Tillman		22			,		_	-
6 1	Tulsa		9	,	,		,	,	
	Tulsa Wagoner ington		18		,	w		,	
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	Woods		3	•	•	,	•		
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2 1			14			1	1	,	
۰.	Mili- Okla.		8		,	,			
٠ ر	Tulsa City		8			,	,	,	
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Disease Todas Tillnam Tales Haghner Ington Hashtan Hoods Hall Okla Tillnam Anthrex in ann Anthrex In ann Gardinam eshigitis												
y Ited Ite	Disease	Texas	Tillman	Tulsa	Wagoner	Wash- ington	Washita	Woods	Wood- ward	MILI-	Okla.	Tulsa
y Had 10.5	Anthrex in men		,	١,								
Yet thouse 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Aseptic meningitis			6				,		2	9	6
y Itland	Botulism	ı								ı	,	
y Itelians Ite	Brucellosis		,									Ī
y Ida Ida Ida Ida Ida Ida Ida Id	Diphtheria						•				,	Ī
1 y 16 16 1 36 1 telous 2 1 1 22 1 1 da 2 1 1 22 1 1 1 utside U. S. 1 26 1 22 1 22 1 utside U. S. 1 46 1 1 22 10 10 1 telous 1 2 1 2 2 10 1 2 2 1 telous 1 1 2 1 2 2 10 1 2 3 4 4 2 2 3 4 4 2 2 3 4 4 1 <t< td=""><td>Dysentery, amebic</td><td></td><td></td><td>2</td><td></td><td></td><td>,</td><td></td><td></td><td></td><td>36</td><td>2</td></t<>	Dysentery, amebic			2			,				36	2
Itelades 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dysentery, bacillary			16				,			36	14
ttious 2 1	Dysentery, unspecified	,					1					,
the state of the s	Encephalitis, infectious			2	,						-	N3
Ida 9 1 1 2 2 935 1.295	Glanders				,	,	,			,		
us 1 29 7 2 935 1.295 n U. S. 1 40 7 2 935 1.295 utslde U. S. 1 46 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Gonococcal ophthalmia	,		_								_
uside U. S	Gonorrhea	,	w	419	7	2			,	935	1,295	395
n U. S	Hepatitis, infectious	ı	-	21			,	,	1	4	22	17
nt U. S	Leptospirosis					,						
e 10.5. 1 46 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					,			,				,
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e 23 Cyalorid fewer: 2 100 115 Cyalorid fewer: 2 100 115 Cyalorid fewer: 2 100 115 Cyalorid fewer: 1 11 187 19 9 3 2 7 35 415 Cyalorid fewer: 1 11 187 19 9 3 2 7 35 415 Cyalorid fewer: 1 11 187 19 9 3 2 7 35 415 Cyalorid fewer: 1 1 1 187 19 9 3 2 7 35 415 Cyalorid fewer: 1 1 1 187 19 9 3 2 7 35 415 Cyalorid fewer: 1 1 1 187 19 9 3 2 7 35 415 Cyalorid fewer: 1 1 1 1 187 19 9 3 2 7 35 415 Cyalorid fewer: 1 1 1 1 187 19 9 3 2 7 35 415 Cyalorid fewer: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Meningococcal infections			12	ı		,				6	= :
e '	Pertussis	,	,	G	-	,		,			23	5
1	Poltomyelitis, acute				,							
yphold fever 2 10 1 1 1 1 15 throat, 196 9 3 2 7 55 415 fever 1 11 187 19 9 3 2 7 55 415 readory 1 4 92 8 7 1 1 1 100 forms 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Psittacosis	,	,						,			
typhold fever: 2 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Rabies in animals			w			,	-			_	_
typhold fever 2 10 1 15 throat, fever 2 10 1 1 15 fever 1 196 3 2 7 35 445 3 reactory 1 11 187 19 9 3 2 7 55 445 1 reactory 1 4 92 8 7 3 1	Rabies in man		,		,							
1	Rheumatic fever				,							
fever:	Salmonellosis, exc. typhoid fever	2		10		٠	ı	,_			5	10
Eferent 1 11 187 19 9 3 2 7 55 445 1 1 1 187 19 9 3 2 7 55 445 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Smalloox		,			,						
Fewer 1 11 187 19 9 3 2 7 35 445 1 1 1 1 187 19 9 3 2 7 35 445 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Streptococcal sore throat,											
1 11 187 19 9 3 2 7 55 415	including scarlet fever	ı	,	396	·				•	w	44	388
reactory 1 4 92 8 7	Syphilis	_	11	187	19	9	w	2	7	55	415	175
retory 1 4 92 8 7 - 3 - 100 forms - 3 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Tetanus	,	1	,	,		,			٠		
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forms - 3 1	Tuberculosis, respiratory	_	4	92	*	7		w			100	90
boorne	Tuberculosis, other forms			ω	1							
cherrie 3 3 115 8 6 4 1 3	Tularemia	,	,		-		ı					
boome	Typhoid fever	ı	,	_	ı	•	ſ				,	_
ther 3 3 115 8 6 4 1 3	Typhus fever, tick-borne						,		٠		_	·
ther 3 7	Typhus fever, louse-borne		ì		,	,	ı		٠			
3 3 115 8 6 4 1 3	Venereal disease, other			ب	•	,		,		7	2	w
	Malignant neoplasms	ىد	ىد	3	20	`			•			

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clanders
concoccal ophthalmia
concoccal ophthalmia
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concoccal ophthalmia
concoccal ophthalmia
deposition infectious
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Typhoid fever Typhus fever, tick-borne Typhus fever, louse-borne Venereal disease, other

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TABLE IX-A. REPORTED CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OKLAHOMA CITY, TULSA CITY, AND MILITARY, 1963

(Continued)

Anthrax in man Anthrax in man Areptic matnightis Asspric matnightis Broading Broadin]								
ss 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Disease	Payne	burg	Pontotoc	vatomie	Push- mataha	Mills	Rogers	Seminole	Sequoyah	Stephens
S	Anthrex in men		-		-		-		-		٠
s 1 1 1 1 1 1 1 1 1	Aseptic meningitis	•	2				,		,		
S	Botulism			,	,	,		•	,	,	
S	Brucellosis	,			,	,			ı		
S	Diphtheria					,				,	
s s s s s s s s s s s s s s s s s s s	Dysentery, amebic	5		,	2		ı				5
B	Dysentery, bacillary	-	_			1		_	6	ı	-
s da U. S. 11 10 42 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Dysentery, unspecified	,	,								
S	Encephalitis, infectious	,	,	,	,	,	,		,		
S	Glanders		,	,				,			
S	Gonococcal ophthalmia		,			,				,	ı
S	Gonorrhea	70	51	10	42		4	œ	2	15	37
S. S	Hepatitis, infectious			1				1	-	,	,
S. U. S	Leptospirosis				,		,		,	,	
de U. S. 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Malaria, acquired in U. S.	,		,				,	,	,	,
s 1 5 2 2 2 4 4 6 58 10 11 11 6 6 6 6 6 6 6				ı		,		,	,	,	
s 1 5 2 2 2	Measles		_	,		,		,	,		,
er 29 41 6 58 10 11 11 11 11 11 11 11 11 11 11 11 11	Meningococcal infections	1	5	١		,				,	_
old fewer 29 41 6 58 10 111 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Pertussis		2		2					,	,
old fever 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Poliomyelitis, acute	,	,		١	,	,		,		,
old fever 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Psittacosis					,			1	,	
old fever 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Rabies in animals	,	w		_	1	,	2	_	,	_
et. 29 41 6 58 10 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Rabies in man		,			·					,
old fever 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Rheumatic fever		•						,		
er 29 41 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Salmonellosis, exc. typhoid fever	,			_	ı		_		_	_
ect. 1 3 1	Smallpox		1								
er 29 43 6 58 10 111 11 11 11 11 11 11 11 11 11 11 11	Streptococcal sore throat,										
29 41 6 58 10 1 11 ms w 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	including scarlet fever	-	w	-	٠	1	,	,		ı	,
nne 3 17 18 1 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Syphilis	29	41	6	58	10	_	11	24	5	7
rey 1 11 13 17 15 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tetanus	,				,			·	,	
ne 1 11 13 17 15 1 6 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1	Trichinosis		,	·	,	,			,		
Muherculosis, other forms 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		_	=	13	17	15	_	6	19	8	7
Tollarenta ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	Tuberculosis, other forms	,	1	٠		1		,			
Typhiol dever tick-borne Typhia fever, louse-borne Venered disease, other	Tularemia		_	,	·	1			,		,
Typhus fever, tick-borne Typhus fever, louse-borne Veneral disease, other	Typhoid fever					,	,	,	1	,	1
Typhus fever, louse-borne Venereal disease, other	Typhus fever, tick-borne			,	w				-	,	,
Venereal disease, other	Typhus fever, louse-borne		,	,	,						
	Venereal disease, other	٠			,	,	,	,			

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